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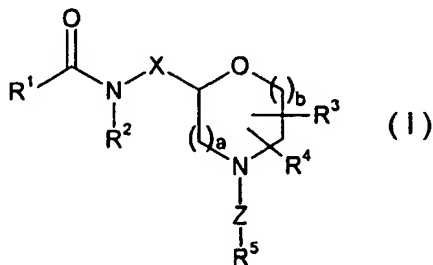
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: MORPHOLIN-ACETAMIDE DERIVATIVES FOR THE TREATMENT OF INFLAMMATORY DISEASES



(57) Abstract: Compounds of formula (I) wherein: R¹ represents C₁₋₁₆ alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, C₂₋₆alkynyl-Y¹-, aryl-Y¹-, heteroaryl-Y¹-, aryl-(O)-, aryl-Y¹-, aryl-(O)-heteroaryl-Y¹-, heteroaryl-(O)-, aryl-Y¹-, heteroaryl-(O)-heteroaryl-Y¹-, C₂₋₆ alkenyl-Y¹-, aryl-O-Y¹-, heteroaryl-O-Y¹-, C₁₋₁₆ alkyl-SO₂-Y¹-, M-Y¹-, J²-Y¹-, -CN or C₃₋₈ cycloalkyl-Y¹- or C₃₋₈ cycloalkenyl-Y¹-, which cycloalkyl or cycloalkenyl may be optionally substituted by one or more hydroxyl or C₁₋₁₆ Alkyl groups; R² represents hydrogen or C₁₋₁₆ alkyl; X represents ethylene or a group of formula CR^eR^f wherein R^e and R^f independently represent hydrogen or C¹⁻¹⁴ alkyl or R^e and R^f may together with the carbon atom to which they are attached form a C₃₋₈ cycloalkyl group; R³ and R⁴ independently represent hydrogen or C₁₋₁₄ alkyl; Z represents a bond, CO, SO₂, CR⁹R⁶(CH₂)_n, (CH₂)_nCR⁶, CHR⁶(CH₂)_nO, CHR⁶(CH₂)_nS, CHR⁶(CH₂)_nOCO, CHR⁶(CH₂)_nCO, COCHR⁶(CH₂)_n or SO₂CHR⁶(CH₂)_n; n represents an integer from 0 to 4; processes for preparing them, formulations containing them and their use in therapy for the treatment of inflammatory diseases.

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INTERNATIONAL SEARCH REPORT

Into of Application No
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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D265/30 C07D413/12 C07D417/12 C07D413/06 C07D417/14
C07D413/14 A61K31/5375 A61K31/5377 A61P29/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 243 959 A (DAINIPPON PHARMACEUTICAL CO) 4 November 1987 (1987-11-04) claims	1-3, 15, 19
A	WO 97 48695 A (REITER FRIEDEMANN ; HASMANN MAX (DE); LOESER ROLAND (DE); BIEDERMAN) 24 December 1997 (1997-12-24) claims	1-23
A	WO 96 37486 A (JANSSEN PHARMACEUTICA NV ; HENDRICKX MARIE LOUISE & HF (BE); DAELE) 28 November 1996 (1996-11-28) claims	1-23
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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